Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination ASPENBERG ET AL. 10/534,666 Examiner **Art Unit** 1621 Sikarl A. Witherspoon (Through numeral) Non-Elected **Appeal** Rejected A Cancelled N

ı

Interference

Restricted

0

Objected

| | | _ | _ | | | | ' | ' | | | | | | | | | _ | | | | | | • | | | | | | | _ | | |
|--------------|------------|-------------------|----------|-----------------|----------|------------------------------|--------------|----------|-----------------|----------|------------|----------|----------|----------|----------|-----------|---------|---------|----------|-----------|------|------------------------|------------|-----------|----------|----------|----------------|-----------|----------|----------|-----------|----------|
| Cla | Claim Date | | | | | | Cla | im | | Date | | | | | | | | Claim | | | Date | | | | | | | | | | | |
| | _ | | | | | | | | | | | = | | | | | Т | | | | | | <u>=</u> | | | | | - 1 | | ı | | |
| Final | Original | 3 | | | | | | | ı | - | Final | Original | Ш | | - 1 | | | | | П | | Final | Original | | | | ١ | | | | | |
| 证 | [뜻. | 8/23 | | | | | | | | - | i <u> </u> | ٦ | Ш | | | | -1 | | | | | ᇤ | ĕ | | | | | | | ŀ | | |
| | | _ | | | | | | Ш | _ | _ | - | | Ш | | _ | 4 | 4 | _ | ╀- | \sqcup | | | | | _ | _ | _ | | - | 4 | 4 | 4 |
| | 1 | 두 | _ | Ш | | L | | | \dashv | 4 | <u> </u> | 51 | Н | - | | + | + | + | +- | Н | | | 101 102 | | \dashv | | \dashv | \dashv | | - | + | \dashv |
| 2 | 2 | H | _ | - | \vdash | H | <u> </u> | \vdash | \dashv | ᅱ | - | 52 53 | Н | \dashv | | + | + | + | +- | Н | | | 103 | - | \dashv | | | ᅱ | \dashv | -1 | - | \dashv |
| 3 | 3 | H | - | \vdash | - | H | ⊢ | Н | \dashv | \dashv | - | 54 | Н | \dashv | \dashv | + | + | + | + | + | | | 104 | \dashv | ᅱ | ᅱ | \dashv | ┪ | - | + | ┪ | ᅱ |
| 7 | 5 | H- | - | \vdash | | H | | Н | \dashv | \dashv | | 55 | Н | \dashv | \dashv | + | + | + | +- | Н | | | 105 | ┪ | \dashv | - | \dashv | ┪ | \dashv | ┪ | + | \dashv |
| ; | 6 | ╫ | - | | | | \vdash | Н | \dashv | \dashv | - | 56 | Н | | + | ╅ | + | + | + | Н | | | 106 | | \dashv | 寸 | 一 | ᅥ | 7 | 一 | 寸 | \dashv |
| 1 | 7 | Н | | Н | - | H | \vdash | Н | | \dashv | | 57 | Н | | 寸 | 十 | 十 | ╅ | 1 | П | | | 107 | 一 | \neg | \neg | \neg | 一 | | \neg | ┪ | \neg |
| 8 | 8 | H | | | | | \vdash | | | ┪ | - | 58 | П | | 寸 | _ | 十 | 1 | T | П | | | 108 | | ヿ | | T | | | | | |
| 5 | 9 | | | | | | | | \Box | \neg | | 59 | | | | | | | | | | | 109 | | | | | | | | | |
| 12 | 10 | = | | | | | | | | | | 60 | | | | \Box | \Box | | oxdot | | | | 110 | | \Box | | | \Box | | | | |
| | 11 | | | | | | | | \Box | \Box | | 61 | \Box | | 긔 | \Box | \perp | \Box | Ļ | Ш | | | 111 | \Box | \sqcup | | | _ | _ | \dashv | 4 | _ |
| Ĺ | 12 | \Box | | | | igsqcup | Щ | Щ | | \Box | | 62 | Ш | | ļ | \dashv | \perp | \bot | 4_ | Ш | | | 112 | _ | _ | _ | \sqcup | _ | _ | _ | 4 | _ |
| | 13 | $ldsymbol{f eta}$ | L | Ш | | $ldsymbol{ldsymbol{\sqcup}}$ | \vdash | Ш | \Box | _ | | 63 | Ш | \Box | _ | \dashv | _ _ | \bot | ┼ | \vdash | | | 113 | _ | _ | | | 4 | 4 | \dashv | 4 | _ |
| | 14 | $ldsymbol{f eta}$ | L | Щ | ļ | | \vdash | Ш | \sqcup | \dashv | | 64 | Н | | \dashv | \dashv | + | 4- | +- | \vdash | | | 114 | \dashv | _ | | | \dashv | 4 | \dashv | 4 | \dashv |
| | 15 | <u> </u> | L | $\vdash \vdash$ | _ | \vdash | \vdash | Н | \Box | \dashv | | 65 | \vdash | | - | + | + | + | ╂ | \vdash | | | 115 116 | \dashv | -1 | | | \dashv | \dashv | \dashv | \dashv | 4 |
| | 16 17 | | - | Н | H | \vdash | <u> </u> | Н | \dashv | \dashv | | 66 67 | Н | \dashv | + | \dashv | + | + | + | \vdash | | | 117 | | { | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 18 | | - | \vdash | \vdash | \vdash | - | - | | \dashv | - | 68 | Н | | \dashv | \dashv | + | ╁ | + | \vdash | | | 118 | \dashv | | ┪ | \dashv | \dashv | \dashv | _ | \dashv | - |
| \vdash | 19 | ├ | | \vdash | | | | Н | \dashv | \dashv | - | 69 | Н | - | ᅱ | \dashv | + | + | + | \vdash | | | 119 | \dashv | | ᅱ | \dashv | \dashv | _ | ┪ | _ | _ |
| | 20 | | | \vdash | | - | H | Н | \dashv | \dashv | - | 70 | Н | | _ | \dashv | + | 十 | + | \dagger | l | - | 120 | \neg | ヿ | ┪ | \dashv | | | 一 | _ | \neg |
| _ | 21 | Н | | | - | | | | \dashv | \neg | | 71 | П | | _ | \top | \top | \top | † | \vdash | | | 121 | \neg | ヿ | \neg | \neg | _ | 寸 | ┪ | ╛ | \neg |
| | 22 | Г | | П | | Г | | П | \neg | \neg | | 72 | П | | \neg | \neg | 1. | T | | | | | 122 | | \neg | | \Box | | | | | |
| | 23 | | | | | | | | | ٦ | | 73 | | | | | | | | | | | 123 | | | | | | | \Box | | |
| | 24 | | | | | | | | | | | 74 | | | | \Box | | | \bot | | | | 124 | | \Box | | | | | _ | _ | |
| | 25 | | | | | | | | \Box | | | 75 | | | _ | 4 | | 4 | 1 | Ш | | | 125 | _ | _ | _ | | | _ | 4 | _ | _ |
| <u> </u> | 26 | | | Ш | L. | | $oxed{oxed}$ | Ш | Ц | _ | L | 76 | Ш | | _ | _ | _ | _ | <u> </u> | Ш | | | 126 | _ | _ | | | _ | _ | _ | _ | _ |
| | 27 | _ | | | L | Ь. | <u> </u> | Щ | \Box | 4 | | 77 | Ш | | | - | + | + | 4- | - | | \longrightarrow | 127 | | \dashv | _ | | | \dashv | - | - | _ |
| <u> </u> | 28 | _ | | _ | | _ | _ | Ш | | - | - | 78 | - | | \dashv | + | + | | + | \vdash | | | 128 129 | \dashv | ᅱ | \dashv | - | 4 | - | \dashv | | _ |
| | 29 | _ | _ | - | \vdash | <u> </u> | \vdash | | \vdash | | | 79 | Н | - | 4 | + | + | - | +- | H | | | 130 | \dashv | ᅱ | \dashv | \dashv | - | \dashv | \dashv | \dashv | _ |
| | 30 31 | - | <u> </u> | щ | _ | \vdash | _ | Н | \vdash | \dashv | | 80 81 | Н | - | - | + | + | | ┿ | \vdash | | | 131 | \dashv | \dashv | \dashv | - | - | \dashv | \dashv | -+ | _ |
| \vdash | 32 | H | H | Н | \vdash | - | \vdash | H | \vdash | \dashv | _ | 82 | \vdash | \dashv | \dashv | + | + | + | + | +- | | | 132 | \dashv | - | ᅱ | \dashv | \dashv | ᅱ | -+ | + | _ |
| | 33 | \vdash | H | Н | \vdash | \vdash | \vdash | Н | \vdash | \dashv | | 83 | Н | \dashv | \dashv | -+ | + | 十 | T | + | | - | 133 | \dashv | - | | \dashv | | \dashv | \dashv | 7 | |
| \vdash | 34 | \vdash | \vdash | Н | _ | _ | \vdash | | | \dashv | | 84 | \vdash | | \dashv | \dashv | + | 十 | T | T | | | 134 | | \dashv | \neg | | \dashv | ᅥ | _ | 7 | _ |
| | 35 | Г | П | П | | П | П | П | \Box | \dashv | | 85 | П | | | 寸 | 十 | 1 | | П | | | 135 | | | | | | | \Box | | |
| | 36 | | | | | | | | | \Box | | 86 | | | | | | I | Ι | | | | 136 | | | | | | | \Box | | |
| | 37 | | | | | | | | | | | 87 | | | | \Box | \Box | \perp | | \Box | | | 137 | | \Box | | | \Box | \Box | J | \supset | |
| | 38 | | | | | | | | \Box | | | 88 | \Box | | _] | \bot | | | \perp | L | | | 138 | \Box | | _ | | | | ļ | _ | |
| | 39 | | Ĺ | | | | Ш | | Ш | \Box | _ | 89 | Ш | \Box | _[| _ | 4 | \bot | _ | \vdash | | | 139 | \square | _ | | \square | _ | _ | \dashv | _ | |
| | 40 | <u> </u> | <u> </u> | Ш | <u> </u> | <u> </u> | Ш | Щ | Щ | \dashv | <u> </u> | 90 | Ш | \Box | _ | _ | + | + | +- | - | | | 140 | - | _ | _ | \vdash | _ | _ | | 4 | |
| | 41 | _ | <u> </u> | \vdash | | \vdash | \vdash | \vdash | \sqcup | _ | <u> </u> | 91 | Н | _ | _ | \dashv | + | + | ┼- | + | | - | 141 | - | | _ | \vdash | \dashv | | | + | _ |
| - | 42 | | <u> </u> | Н | _ | - | \vdash | | \sqcup | \dashv | - | 92 | H | | - | + | - | + | + | \vdash | | \vdash \dashv | 142 143 | \dashv | \dashv | _ | $\vdash\vdash$ | | \dashv | \dashv | - | |
| | 43 | \vdash | \vdash | Н | H | - | <u> </u> | \vdash | $\vdash \vdash$ | \dashv | - | 93 94 | \vdash | | \dashv | + | + | ╫ | + | \vdash | | $\vdash\dashv$ | 144 | \vdash | \dashv | - | \vdash | | \dashv | \dashv | \dashv | _ |
| | 44 45 | \vdash | H | Н | - | \vdash | \vdash | Н | \vdash | \dashv | | 95 | \vdash | \vdash | \dashv | + | + | + | ╁ | \vdash | | $\vdash\dashv$ | 145 | | \dashv | | Н | | \dashv | \dashv | + | |
| - | 45 | \vdash | \vdash | Н | \vdash | \vdash | H | \vdash | \vdash | \dashv | - | 96 | \vdash | \dashv | \dashv | + | + | + | +- | +- | | $\vdash \vdash \vdash$ | 146 | \vdash | \dashv | | | \dashv | \dashv | \dashv | ┪ | _ |
| <u> </u> | 47 | \vdash | Н | Н | | | \vdash | \vdash | \vdash | \dashv | | 97 | H | \dashv | \dashv | \dashv | + | + | + | +- | | | 147 | \neg | \dashv | | \vdash | \dashv | \neg | - | ┪ | _ |
| | 48 | | Н | Н | Т | | \vdash | Н | \vdash | \dashv | | 98 | П | \dashv | 一 | \dashv | 十 | 十 | T | | | | 148 | | | - | \vdash | \exists | 一 | 7 | 7 | _ |
| | 49 | | П | Н | | П | Г | М | \vdash | \dashv | | 99 | П | \neg | 寸 | \dashv | \top | \top | 十 | | | | 149 | | | | | | | ╛ | ╛ | |
| | 50 | Г | | | | \Box | | П | \Box | \neg | | 100 | П | | | \exists | \top | \top | | | l | | 150 | | | | | | | \Box | | |
| | | | | | | | | لـــا | | | | | _ | | | | | | _ | - | ٠ ، | | | | | | | | | _ | | _ |

Allowed